Maths Medium Term Planning

Year Group: Six Term: Spring 2024

Week 1 & 2	Week 3 &4	Week 5 & 6	Week 7 & 8	Week 9 & 10	Week 11	Week 12
Number – Ratio Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts To use ratio language and symbols To make links between ratio and fractions Solve problems involving similar shapes where the scale factor is known or can be found Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples To solve problems linked to proportion	**Number – Algebra** Use simple formulae Generate and describe linear number sequences Express missing number problems algebraically Find pairs of numbers that satisfy an equation with two unknowns Enumerate possibilities of combinations of two variables	**Number – Decimals** Identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1000 giving answers up to 3 decimals places Multiply 1-digit numbers with up to 2 decimal places by whole numbers Use written division methods in cases where the answer has up to 2 decimal places Solve problems which require answers to be rounded to specified degrees of accuracy	**Number – Fractions, decimals and percentages** Recall and use equivalences between simple fractions, decimals and percentages including different contexts To recognise a fraction as a division To covert fractions to percentages Solve problems involving the calculation of percentages (for example, of measures and such as 15% of 360) and the use of percentages for comparison	**Measurement – Perimeter, Area and volume** Recognise that shapes with the same areas can have different perimeters and vice versa Recognisee when it is possible to use formulae for area and volume of shapes Calculate the area of parallelograms and triangles Calculate, estimate and compare volume of cubes and cuboids using standard units, including cm3, m3 and extending to other units (mm3 and km3)	**Statistics** Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius Interpret and construct pie charts and line graphs and use these solve problems Calculate the mean as an average	**(Moved forward from Summer term) Geometry – Position and direction** Describe positions on the full coordinate grid (all four quadrants) Draw and translate simple shapes on the coordinate plane, and reflect them in the axes